



RESIDENTIAL KITCHEN REMODELS

A permit is required whenever kitchen cabinets are replaced or added. No permit is needed for countertop replacement or re-facing of existing cabinets. All kitchen remodels requiring permits, but be reviewed and approved by the City of Sunnyvale prior to installation.

Permit Issuance

Most kitchen remodel permits can be obtained on-line at www.e-OneStop.net. To obtain a kitchen remodel permit at the One-Stop Permit Center, three sets of the plans including the following information shall be provided:

- Floor plan showing the existing and proposed walls indicating if any existing load bearing walls will be removed (additional plans may be required if bearing wall will be removed or relocated) and the use of all adjoining rooms/areas.
- New and existing windows (additional plans may be required if new windows will be installed or if existing windows will be re-sized)
- Location of all electrical receptacles and switches. All counter receptacles shall be GFCI protected and located so that no point is more than 24-inches from a receptacle outlet. Counter top areas with a minimum dimension of 12" in width shall be provided with a receptacle. Receptacles shall be located no more than 20" above counter top. Islands/ peninsulas shall have at least one receptacle. (2004 CEC 210.52)
- Provide two 20-amp small appliance branch circuits. Provide separate circuits for the garbage disposal and the dishwasher. (2004 CEC 210.11)
- Smoke detectors shall be provided in all sleeping rooms and adjacent hallways, multi-levels, and basements. (2001 CBC 310.9.1.2)
- Show the location of all proposed lighting fixtures. A minimum of 50% of the total rated lighting wattage (based on the maximum allowed for each fixture) shall be high efficiency fixtures (e.g. fluorescent). The "Residential Kitchen Lighting Worksheet" (located on the back of this page) shall be completed and provided to the building inspector at the rough electrical inspection. The following table defines the requirements for high efficacy lighting (2005 California Energy Efficiency Standards Section 150):

HIGH EFFICIENCY LAMP REQUIREMENTS	
Lamp Power Rating	Minimum Lamp Efficiency
15 watts or less	40 lumens per watt
over 15 watts to 40 watts	50 lumens per watt
over 40 watts	60 lumens per watt

Inspections Required

Two inspections are required for kitchen remodels. An in-progress inspection should be scheduled after the electrical boxes are installed and before any devices are connected. Any other structural, mechanical, or plumbing alterations should be scheduled for a rough inspection. The final inspection should be scheduled after all the work is completed.

If you have any questions, please call the City of Sunnyvale Building Division at (408) 730-7444. Information is also available on the Building Division web site at: www.sunnyvalebuilding.com.

RESIDENTIAL KITCHEN LIGHTING WORKSHEET**WS-5R**

Project Title

Date

At least 50% of the total rated wattage of permanently installed luminaires in the kitchen must be in luminaires that are high efficacy luminaires as defined in Table 150-C. Luminaires that are not high efficacy must be switched separately.

Kitchen Lighting Schedule. Provide the following information for all luminaires to be installed in kitchens.

Luminaire Type	High Efficacy?	Watts	x	Quantity	=	High Efficacy Watts	or	Other Watts
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
Total: A:						B:		
COMPLIES IF $A \geq B$							Yes <input type="checkbox"/>	No <input type="checkbox"/>

Rules for Determining Residential Kitchen Luminaire Wattage**Screw Base Sockets §130(c) 1**

(Not containing permanently installed ballasts) The maximum relamping rated wattage of the luminaire, as listed on a permanent factory-installed label (luminaire wattage is not based on type or wattage of lamp that is used).

Permanently or Remotely Installed Ballasts §130(c) 2

The operating input wattage of the rated lamp/ballast combination based on values published in manufacturer's catalogs based on independent testing lab reports.

Line Voltage Track Lighting (90 through 480 volts) §130(c) 3

1. Volt-ampere (VA) rating of the branch circuit(s) feeding the tracks; or
2. The higher of
 - The wattage (or VA) rating of an approved integral current limiter controlling the track system or
 - 15 watts per linear foot of the track; or
3. The higher of
 - 45 W per linear foot of the track or
 - The total wattage of all of the luminaires included in the system.

Low Voltage Track Lighting (less than 90 volts) §130(c) 4

Rated wattage of the transformer feeding the system, as shown on a permanent factory-installed label

Other Lighting §130(c) 5

(Lighting systems that are not addressed in §130 (c) 1-4) The maximum rated wattage, or operating input wattage of the system, listed on a permanent factory installed label, or published in manufacturer's catalogs, based on independent testing lab reports.

*EXAMPLE***RESIDENTIAL KITCHEN LIGHTING WORKSHEET****WS-5R**

Project Title

Date

Kitchen Lighting Schedule. Provide the following information for all luminaires to be installed in kitchens.

Luminaire Type	High Efficacy (y/n)	Watts	x	Quantity	=	High Efficacy Watts	or	Other Watts
CFL-1	Yes	26	x	5	=	130	or	
MR-16	No	55	x	2	=		or	110
			x		=		or	
			x		=		or	
			x		=		or	
Total: A:						130	B:	110
COMPLIES IF $A \geq B$							Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>